

Title (en)
Estimation of traffic-to-pilot ratios

Title (de)
Schätzung von Verkehr-zu-Pilot-Verhältnissen

Title (fr)
Estimation de rapports trafic/pilotes

Publication
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Application
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Abstract (en)
A method for coherent estimation of the traffic-to-pilot energy ratio is presented. A received preamble is decoded (20), and then re-encoded (22). The received preamble is then multiplied by the re-encoded preamble (23). The results are summed (24), squared (26), and then divided by a pilot energy value (28). In another method, a message (41) carrying energy information can be inserted between a subpacket preamble (40) and a subpacket (42).

IPC 8 full level
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Citation (applicant)
• US 5103459 A 19920407 - GILHOUSEN KLEIN S [US], et al
• US 4901307 A 19900213 - GILHOUSEN KLEIN S [US], et al
• US 5056109 A 19911008 - GILHOUSEN KLEIN S [US], et al
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• US 5504773 A 19960402 - PADOVANI ROBERTO [US], et al
• US 5933462 A

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US 2002067774 A1 20020606; **US 6711208 B2 20040323**; AT E340448 T1 20061015; AU 1794802 A 20020618; BR 0115906 A 20040406; CN 100342678 C 20071010; CN 101110662 A 20080123; CN 101110662 B 20120725; CN 1488211 A 20040407; DE 60123272 D1 20061102; DE 60123272 T2 20070405; EP 1340318 A2 20030903; EP 1340318 B1 20060920; EP 1598974 A1 20051123; EP 1598974 B1 20130417; EP 2249502 A2 20101110; EP 2249502 A3 20110112; EP 2249502 B1 20130116; ES 2400390 T3 20130409; HK 1062509 A1 20041105; JP 2004527145 A 20040902; JP 4021764 B2 20071212; KR 100848736 B1 20080725; KR 20030051899 A 20030625; TW 535449 B 20030601; US 2004105409 A1 20040603; US 8526510 B2 20130903; WO 0247280 A2 20020613; WO 0247280 A3 20030116

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